Highway Bridge Services
University of Nebraska Technology Park
4701 Innovation Drive, Suite 106
Lincoln, NE 68521

2008 FHWA Accelerated Bridge Construction: Highway For Life Conference

March 20, 21, 2008

Hyatt Regency Baltimore on the Inner Harbor
Baltimore, Maryland

Short Course on Design of steel and concrete bridges using AASHTO LRFD Bridge Design Specifications, March 19, 2008

Sponsored By: **Federal Highway Administration (FHWA)**

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DEPARTMENT OF TRANSPORTATION
UNITED STATES OF AMERICA

PRE-CONFERENCE WORKSHOPS

Steel Bridge Design using AASHTO/LRFD Specifications (2007 Edition)
8:00 a.m. to Noon, March 19, 2008

Starting with the third edition of the AASHTO LRFD Bridge Design Specifications, major changes were incorporated for designing steel bridges. These changes, while making the code more readable and comprehensive, nevertheless demand familiarity with background and the philosophies for making them to begin with.

This portion of the seminar will include a brief background to various design provisions, followed by short examples demonstrating their use.

Instructor: Atorod Azizinamini Ph.D., P.E. is a Professor of Civil Engineering at the University of Nebraska- Lincoln (UNL). He is also Director of the National Bridge Research Organization (NaBRO) at UNL. He has more than 200 technical publications in the structural engineering field and is nationally and internationally recognized for his expertise in the steel bridge area.

Concrete Bridge Design Using AASHTO LRFD Bridge Design Specification (2007 Edition)
1:00 p.m. to 5:00 p.m., March 19, 2008

This short course will provide an understanding of the background of the LRFD concrete specifications, an overview of the state-of-the-art design procedures, and design examples.

Instructors:

Shri B. Bhide, Ph.D. P.E., S.E., is Director of Engineering at Leap Software. He was formerly the manager of the Bridge Program at the Portland Cement Association. He is a member of numerous bridge engineering committees and has published extensively in the structural engineering area.

Bijan Khaleghi, Ph.D., P.E., S.E., is concrete specialist at the Washington State Department of Transportation in Olympia Washington. Bijan has over 21 years of professional experience in bridge design and is an active member of the PCI Bridge Committee and the AASHTO T-10 committee on Concrete Bridges.

Thursday General Session Schedule

Main Ballroom

General Session Moderators

Benjamin Tang, P.E., FHWA and Atorod Azizinamini, Ph.D., P.E., University of Nebraska -Lincoln

8:00 – 8:45	**Welcome:** **Introduction and plaque presentations, recognizing Co-Sponsoring Consultants and best paper awards** **Vasant Mistry**, FHWA **Myint Lwin**, FHWA **Robert Healy**, Maryland DOT **Byron Lord**, FHWA **Edward Power**, HDR, Inc.
8:45 – 9:05	**National Perspective on Accelerated Bridge Construction** **Vasant Mistry**, P.E., FHWA
9:05 – 9:45	**Key Note Talk:** **Accelerated Bridge Construction: European Experiences, Technologies and Methodologies** **Jan De Boer**, President De Boer DC, Netherlands
9:45 – 10:15	**Design for 100 plus Years of Service Life: European Approach** **Carola Edvardsen**, COWI, Denmark
10:15 – 10:40	**Break**
10:40-11:30	**Recent Developments in Ultra-Rapid Bridge Replacement: Opportunities and Resources for Agencies and Contractors** **Mary Lou Ralls**, Ralls Newman, LLC **Jim McMinimee**, Utah DOT
11:30 - Noon	**Innovative Bridge Solutions Through SHRP2** **William Nickas, P.E.**, Corven Engineering, Inc.
12:00 – 1:10	**Lunch Break**

There is no registration fee to attend the conference or the workshops, however, you must pre-register to attend.
Space is limited and registrations will be based on a first come first registered basis.

Attendees will receive a certificate stating they have attended continuing education classes

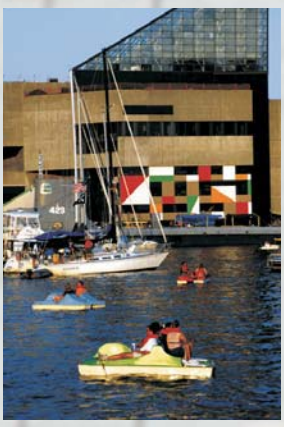
Visit www.fhwa.dot.gov/bridge/accelerated for more information

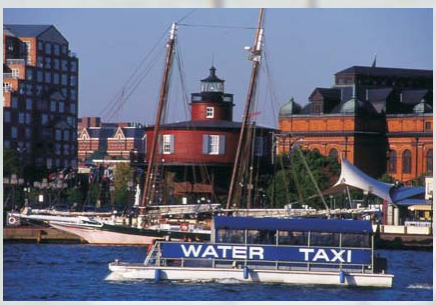
Thursday Breakout Sessions

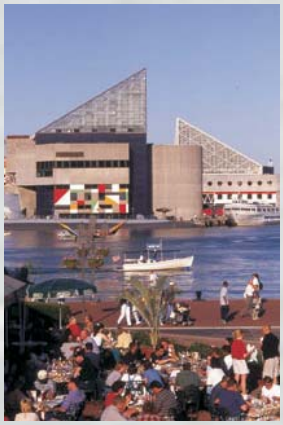
	Room 1	Room 2	Room 3
	Session #1: General Issues and Design Glen Meyer, PBS&J and Conn Abnee, NSBA	**Session #2: PreCast** John Dick, PCI and Homoz Seradj, Oregon DOT	**Session #3: Seismic** Bruce Johnson, Oregon DOT and Mark Stark, Olsson Associates
1:10	**Developing Practice on Accelerated Bridge Construction in California** Paul Chung, California Department of Transportation Raymond Wolfe, California Department of Transportation	**All-Precast Multiple Simple Span Bridge** Robert Bulger, P.E., Maine DOT	**Precast Bridge Bent Connection for Rapid Construction in Seismic Regions** John Stanton, University of Washington Marc Eberhard, University of Washington Jason Pang, University of Washington
1:30	**Proposed Doctrine for Accelerated Bridge Construction** Joseph P. Hanus, United Sta tes Military Academy Lawrence C. Bank, University of Wisconsin, Madison	**Analysis of Longitudinal Joint Connections for Decked Precast Prestressed Concrete Girder Bridges** Matt Z. Smith, Michigan Technological University Yue Li, Michigan Technological University Theresa M. Ahlborn, Michigan Technological University	**Seismic Response of Precast Segmental Bridge Superstructures and Bonded Tendons** Marc J. Veletzos, University of California, San Diego Jose I. Restrepo, University of California, San Diego
1:50	**Construction and Maintenance Benefits of Continuous for Live Load Steel Girder Construction** Anthony Ream, HDR Engineering, Inc. James Bintrim, HDR Engineering, Inc. Matthew Bunner, HDR Engineering, Inc.	**Integrated Monitoring of a 50m-Long Precast Concrete Box Girder for Incheon Bridge Viaducts Constructed with FSLM (Full Span Launching Method)** Kyu-Yong Choi, Samsung Corporation Geun-Yong Song, Samsung Corporation Dong-Ok Kang, Samsung Corporation Kyoung-Lae Park, Samsung Corporation Choong-Hee Lee, (AFFILIATION???) Man-Geun Yoon, Samsung Corporation	**Seismic Performance of Precast U-girders Integrally Connected to a Cast-in-Place Substructure** Kevin L. Almer, University of Nevada, Reno David H. Sanders, University of Nevada, Reno
2:10	**Folded Steel Plate Technology for Accelerating the Construction Process** Atorod Azizinamini, University of Nebraska-Lincoln	**Longitudinal Joint Details for Decked Bulb-Tee Girder Bridges** Z. John Ma, University of Tennessee, Knoxville Lungui Li, , University of Tennessee, Knoxville Mary Griffey, University of Tennessee, Knoxville Ralph G Oesterle, CTL Group	**Seismic evaluation of precast concrete bridges with Hybrid connections** Seyed Mehdi Zahrai, Tehran University Seyed Mehrdad Hosseini, Imam Khomeini Intl. University Seyed Mehran Hosseini, Iran Univ. of Science and Tech.
	2:30 – 3:00 Break		
	Session #4: General Issues and Design Tae-Yang Yoon, RIST and Glen Meyer, PBS&J	**Session #5: Components and Systems** Shri Bhide, LEAP Software and Chan-Hee Park, RIST	**Session #6: Seismic and Substructure** Kevin Thompson, California DOT and Alex Wilson, Mittal Steel
3:00	**Accelerated Construction of Steel Bridges in Tennessee** David Chapman, University of Tennessee, Knoxville	**Precast Concrete Spliced Girders for Accelerated Construction of Bridge Widenings in Highly Congested Urban Interchanges** Sami Megally, PBS&J Jay Holombo, PBS&J	**Accelerated Bridge Construction in Areas of High or Moderate Seismisity** Bijan Khaleghi, Washington State DOT
3:20	**From BIM to BrIM (Bridge Information Modeling) for Accelerated Bridge Delivery** Stuart Chen, State University of New York at Buffalo Jay Puckett, University of Wyoming Arun Shirolé, Arora and Associates, P.C.	**Rational Design Approaches for Precast Concrete Connections** Jimin Huang, HDR Engineering Inc	**Issues Related to Accelerating Bridge Construction in High Seismic Zones** Raymond W. Wolfe, California DOT Michael D. Keever, California DOT Mary Lou Ralls, Ralls-Newman, LLC
3:40	**Rapid Bridge Design Methods: Two Successful Case Studies** Mark P. Henderson, LJB, Inc.	**Static Test for a Precast Conc rete Barrier System** Myoung-Sung Choi, Daewoo Institute of Construction Tech. Se-Jin Jeon, Daewoo Institute of Construction Tech. Young-Jin Kim, Daewoo Institute of Construction Tech. Byung-Hak Hyun, BNG Consultants, Seongnam, Korea	**Accelerated Bridge Construction in Seismic Regions** W. Phillip Yen, FHWA Amjad Aref, State University of New York at Buffalo
4:00	**Accelerated Bridge Construction in Far East Asia: New Trends with Applications** Yoon, Tae-Yang, RIST Steel Structure Research Center Park, Chan-Hee, RIST Steel Structure Research Center	**Accelerated Bridge Construction with Full Depth Precast Deck Panels and New Type PSC Girder** Se-Jin Park, Daewoo Institute of Construction Tech. In-Kyu Kim, Daewoo Institute of Construction Tech. Young-Jin Kim, Daewoo Institute of Construction Tech. Seong-Woon Kim, Daewoo Institute of Construction Tech.	**Concrete Filled Tubes for Rapid Construction of Bridge Piers** Charles W. Roeder, University of Washington Dawn E. Lehman, University of Washington
4:20	**McDowell Overpass Widening on the State Route 51 Design Build Project** Robert W. Ringwald, DMJM Harris John Kraemer, Pulice Construction Juan R. Miranda, Pulice Construction	**Decked Steel Girders for Accelerated Bridge Construction** Ronald D. Medlock, High Steel Structures, Inc.	**MSE Supported Bridge Abutments Speed Construction and Provide Sustainability** John E. Sankey, The Reinforced Earth Company Keith Brabant, The Reinforced Earth Company
4:40	**Accelerated Constuction Tec hniques: Raising the Visibility of Rebar** Raul Amaya, Bentley Systems, Inc.	**An International Perspective: Renovating Existing Bridges with Orthotropic Steel Deck Panels** Carl Huang, California DOT Alfred R. Mangus, California DOT	**Highway Wall and Pier Surface Treatments: Form Liners and Brick-Inlay Systems for Precast and Poured-in-Place Concrete** Dana Johnston, Scott System, Inc. Presenter: Buck Scott, Scott System, Inc.
	5:00 – 6:30 Dinner		
	Session #7: General Issues and Design Raj Ailaney, FHWA and Edward Power, HDR, Inc	**Session #8: Prefabrication** Homoz Seradj, Oregon DOT and Robert Healy, Maryland DOT	**Session #9: Substructure** Barry Bowers, South Carolina DOT and William Cox, Texas DOT
6:30	**Recent Developments in the Design of New Jersey Bridges Using Accelerated Bridge Construction (ABC) Concepts** Mohiuddin A. Khan, Johnson, Mirmiran and Thompson Inc. Richard W. Dunne, New Jersey DOT	**Prefabricated Bridges Allow DOTs to Replace Bridges at Record Speeds** Michael G. Carfagno, CONTECH Bridge Solutions, Inc.	**Rapid Construction of Modular Innovative Bridge Substructure** Bin Li, Florida International University Yilei Shi, Florida International University Amir Mirmiran, Florida International University
6:50	**Rebuilding a Cheyenne Link** Mark Stark, Olsson Associates	**Accelerated Bridge Construction in a Rural Environment** Michael Leonard, HDR Engineering, Inc.	**Emergency Repairs to Union Pacific Railroad Bridge** M. Mansoor Ahsan, Bridgefarmer & Associates
7:10	**Salt Creek Bridge Replacement - 18 Day Bridge** Glen Meyer, PBS&J	**Smart, Repetitive Methods Accelerate Construction of Long Dual Bridges** Eliza. D. Rodriquez, HDR Engineering, Inc. Randall Gattis, HDR Engineering, Inc.	**Open Cell™ Bridges** Dennis Nottingham, P|N|D Engineers, Inc.
7:30	**Fast Replacement Construction Methods for Railway Bridges** Jung-Hyun Kim, KOBEC Chang-Su Shim, Chung-Ang University	**Using pre-fabricated temporary bridges to expedite bridge repair/replacement** Robert Smith, Mabey Bridge & Shore, Inc.	**Experimental Study on Circular Precast Piers with Bonded Prestressing Bars** Chang-Su Shim, Chung-Ang University Chul-Hun Chung, Dankook University Choel-Hwan Kim, POSCO E&C
7:50	**Adjacent Steel Box Beam Technology for Accelerating the Construction Process** Aaron Yakel, University of Nebraska-Lincoln Atorod Azizinamini, University of Nebraska-Lincoln	**Rapid Bridge Construction using Timber Components** David Clemens, Wheeler Lumber, LLC.	

Friday Breakout Sessions

	Room 1	Room 2	Room 3
	Session #10: Contract and Design Management Kent Barnes, Montana DOT and Mark Stark, Olsson Associates	**Session #11: Components and Systems** Lex Collins, Florida DOT and Tom Macioce, Pennsylvania DOT	**Session #12: Pre-Build Solutions** George Christian, NY DOT and Allen Raynor, North Carolina DOT
8:00	**Design/Build Best Value Project to Replace Two Interstate Overpasses** Donald W. Herbert, Pennsylvania DOT William Harris, Mackin Engineering Company	**Development of new type bridge system the "panel bridge" for accelerated erection** Norito Fujikawa, Nippon Steel Engineering Co., Ltd. Shigeyuki Mizukami, Nippon Steel Engineering Co., Ltd. Masatsugu Nagai, Nagaoka University of Technology	**Rapid Bridge Replacement - A Time Honored Tradition of Railroads** Kevin W. Johns, Modjeski and Masters, Inc. Donald F. Sorgenfrei, Modjeski and Masters, Inc.
8:20	**Farm Lane Road Underpass Project** Jeremy A. Hedden, Bergmann Associates, Inc.	**Micro-Reinforced Concrete: A New Ultra-High Performance Concrete for Bridges** Stephan Hauser, Chusid Associates Presented by: Philip Hofman, Excend, Inc.	**Replacement of a Busy Interchange Bridge Using Accelerated Bridge Construction Techniques** Abhay P. Thorat, P.E., PB Americas Inc. Chris G. Bailey, P.E., PB Americas Inc.
8:40	**An Owner's Perspective on Implementing an Accelerated Bridge Construction Program** James C. McMinimee, Utah Department of Transportation Carmen E. L. Swanwick HDR Engineering, Inc.	**Accelerated Bridge Rehabilitation** David W. Whitmore, Vector Corrosion Technologies	**Replacement of Mouth of Monocacy Road Bridge over CSXT, Montgomery County, Maryland** Timothy H. Cupples, P.E., Montgomery County Department of Public Works & Transportation Simon Simon, P.E., Greenhorne & O'Mara, Inc.
9:00	**Penobscot Narrows Bridge & Observatory - Wicked Fast! U.S. Route 1 over the Penobscot River, Maine** Bruce Van Note, Maine Department of Transportation W. Jay Rohleder Jr., FIGG	**Performance of Pin-Connecting Steel Modular Bridge** Dae-Yong Lee, RIST Steel Structure Research Center Chan-Hee Park, RIST Steel Structure Research Center Tae-Yang Yoon, RIST Steel Structure Research Center	**Incremental launching of bridges in Europe** Marco Rosignoli, HNTB Corporation Chiara Rosignoli, HNTB Corporation
9:20	**Accelerated Design and Construction for the 24th Street Bridge in Council Bluffs, Iowa** Ahmad Abu-Hawash, Iowa DOT Hussein Khalil, HDR Engineering, Inc. Patricia Schwarz, Iowa DOT Brent Phares, Iowa State University - CTRE Norm McDonald, Iowa DOT	**Improving tomorrow's Infrastructure: extending the life of concrete structures with solid stainless steel reinforcing bar** Raymond E Schnell, Talley Metals Technology, Inc. Michael P Bergmann, New York State DOT	**Replacement of 4500 South Bridge over I-215 in Salt Lake City, UT using Self Propelled Modular Transporters (SPMT's)** Michael S. Arens, Michael Baker Jr., Inc. Hugh Boyle, Michael Baker Jr., Inc. Boyd Wheeler, Utah Department of Transportation Wayne Bowden, Ralph L. Wadsworth Const. Co., Inc.
	9:40 – 10:20 Break		
	Session #13: Contract and Design Management Lyman Freemon, Nebraska DOR	**Session #14: Components and Systems** Jugesh Kapur, WA DOT and Sam Fallaha, Nebraska DOR	**Session #15: Pre-Build Solutions** Paul Lile, Georgia DOT and Mark Stark, Olsson Associates
10:20	**Accelerated Bridge Construction Emergency Replacement of NJ Rt. 70 Bridge over Friendship Creek Southampton Township, Burlington County, NJ** Gerard C. Kroner, Hatch Mott MacDonald, LLC	**RSA Floating Bridge** Rick Adler, RSA Protective Technologies, LLC. Charles Evans, RSA Protective Technologies, LLC.	**McCaslin Pedestrian Bridge Abstract** John Guenther, Parsons Brinckerhoff
10:40	**Evaluation of Project Delivery Methods and Best Practices for the I-10 Escambia Bay Bridge Replacement Project in Florida and the I-10 Lake Pontchartrain Bridge Replacement Project in Louisiana due to Hurricanes Ivan and Katrina** Jeffrey Ger, FHWA Florida Arturo Aguirre, FHWA Louisiana Mark Stinson, FHWA Louisiana	**Joint Sealing System for Accelerated Bridge Construction** Ronald J. Watson, R. J. Watson, Inc.	**Hood Canal Bridge East and West Approach Span Replacement** Joseph Merth, Washington State DOT
11:00	**On the Fast Track Over the Big Thompson River** Gary Maji, DMJM Harris | AECOM	**Fast Non-Destructive Localisation of Prestressing Steel Fractures in Post-Tensioned Concrete Bridges** Bernd Hillemeier, Technische Universität Berlin Andrei Walther, Technische Universität Berlin Chol I Pak, Technische Universität Berlin	**Full Depth Precast Prestressed Post-tensioned Concrete Bridge Deck Panels for Rapid Bridge Construction** Erin Santini Bell, University of New Hampshire Rebekah J. Briggs, PB Americas David Salzer, University of New Hampshire Charles Goodspeed, University of New Hampshire
11:20	**Overcoming Oregon Design-Build Challenges: Rapid Bridge Replacement at Hancock Mountain** Scott M. Nettleton, T.Y. L in International Justin D. Doornink, T.Y. Lin International	**Rapid Construction of Highway Bridges using Hybrid FRP-Concrete Modular Deck Systems** Lijuan Cheng, University of California, Davis	**Accelerated Bridge Redecking Rt. 64 over Pomme de Terre Lake** Bakul Desai, HNTB Corporation Frank Blakemore, HNTB Corporation
	11:40 – 1:00 Lunch		
	Session #16: Specialty/Unique Topics Arun Shirolé, Arora and Associates, P.C. and Mary Lou Ralls, Ralls Newman, LLC	**Session #17: Composites** Glen Meyer, PBS&J and Edward Power, HDR, Inc	**Session #18: Deck and Overlay** Sam Fallaha, Nebraska DOR and Dae-Yong Lee, RIST
1:00	**Converting the Apache Boulevard/101L Bridge to Dual Highway/LRT Use** Philip Walker, HDR Engineering, Inc. John Misik, HDR Engineering, Inc.	**FRP Rebar in Bridge Decks For Greater Deck Longevity** Ryan Koch, Hughes Brothers, Inc. Doug Gremel, Hughes Brothers, Inc.	**Accelerated Replacement of RC Slab into PC slab On steel girder bridge, "Konogawa Bridge"** Akitaka Takeuchi, Central Nippon Expressway Co., Ltd. Masami Fujita, Central Nippon Expressway Co., Ltd. Masaki Otsuji, Central Nippon Expressway Co., Ltd. Kazuyuki Jyoudai, PC Bridge Co., Ltd. Naonori Imura, Oriental Construction Co., Ltd.
1:20	**Development of an Accelerated Construction Method For a Modified Arch Bridge** Zhixiang Zhou, Chongqing Jiaotong University Fang Li, East & West Engineering Technologies Inc. Roy A Imbsen, Imbsen Consulting	**Fiber-Reinforced Polymer (FRP) Structural Stay-in-Place Formwork as a Means of Rapid, Durable And Cost-Effective Construction and Rehabilitation of Bridge Decks** Vistasp M. Karbhari, University of California, San Diego J. Mitchell, University of California, San Diego A. Goodman, University of California, San Diego C. Sikorsky, California DOT	**Replacement of the Bascule Span Deck of the Mill Basin Bridge on the Belt Parkway** C. Sklavounakis, New York City DOT B. Duran, New York City DOT M. Lahti, TranSystems | Lichtenstein G. Hill, Kiewit Constructors
1:40	**Design and Consruction of Elevating of Important Railway** Yoshihiro Yukizawa, East Japan Railway Co.	**Innovative Modular FRP Bridge Systems - Results of Monitoring After 5+ Years of Use** C. Sikorsky, California DOT H. Guan, University of California San Diego Vistasp M. Karbhari, University of California San Diego	**Rapid Replacement of Deck Slabs of the Gowanus Expressway Viaduct, Using Accelerated Concrete and the Maturity Method** Walid S. Najjar, Ph.D., P.E., CHAS. H. SELLS, INC. Steven W. Smith, P.E., CHAS. H. SELLS, INC.
2:00	**An International Perspective: Existing Bridges with Hybrid Superstructure Orthotropic Steel with Prestressed Concrete** Carl Huang, California DOT Alfred R. Mangus, California DOT	**Accelerating Acceptance of FRP Decks: Focus on Life Cycle Costs, Superior Strength Demonstrated through Independent Testing, and Ease of Construction** Dan Richards, Ph.D., P.E., ZellComp, Inc.	**Polyester Polymer Concrete (PPC) Overlays Return Traffic Overnight** Paul D. Krauss, Wiss, Janney, Elstner Assoc. Al Klail, Kwik Bond Polymers Ric Maggenti, California DOT







Conference Planning Committee

Conn Abnee, NSBA
Raj Ailaney, FHWA
Atorod Azizinamini, Univ. of NE-Lincoln
Kent Barnes, Montana DOT
Shri Bhide, LEAP Software
Barry Bowers, South Carolina DOT
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Arun Shirolé, Arora and Associates, P.C.
Mark Stark, Olsson Associates
Kevin Thompson, California DOT
Alex Wilson, Mittal Steel
Homoz Seradj, Oregon DOT

Conference Co-Chairs:

Dr. Atorod Azizinamini
University of Nebraska, Lincoln
402 472-3029

Vasant Mistry
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202 366-4599

Visit www.fhwa.dot.gov/bridge/accelerated For More Information

Hotel Information

Conference and workshops will be held at Hyatt Regency Baltimore on the Inner Harbor

300 Light Street
Baltimore, Maryland, 21202
Ph. 410-528-1234
Fax 410-685-3362

For hotel Reservations

Block of room at the conference rates are reserved. The conference rate is set at the government rate for all attendees, regardless of their affiliation. The cut off date for getting conference rate is Feb 20, 2008. To make a hotel reservations follow the steps below:

1. www.baltimore.hyatt.com
2. Specify the check in and check out dates and other information requested
3. At the left of the page you will also see "Group/Corporate #". Specify "g-higb" and click

You should see the conference rates which are as follows:

Single Occupancy: $148.00 Double Occupancy: $148.00
Triple Occupancy: $173.00 Quadruple Occupancy: $198.00

Rates do not include applicable state and local taxes.

Or call hotel directly at 800-872-3600. Mention the group rate and the code "g-higb"

REGISTRATION FORM

2008 FHWA ACCELERATED BRIDGE CONSTRUCTION CONFERENCE – HIGHWAY FOR LIFE

MARCH 20 AND 21, 2008

and

AASHTO/LRFD BRIDGE DESIGN WORKSHOPS

MARCH 19, 2008

HYATT REGENCY BALTIMORE ON THE INNER HARBOR, BALTIMORE MARYLAND

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PLEASE COMPLETE A SEPARATE REGI STRATION FORM FOR EACH ATTENDEE

THERE IS NO REGISTRATION FEE FOR THE CONFERENCE OR WORKSHOPS
BUT YOU MUST PRE-REGISTER TO ATTEND

Please note seating is limited and will be on a first come - first registered basis

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First Name _____ Last Name _____

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Email is important and is required for us to contact you

Please check the portion of the conference and workshops you wish to attend

		I will attend
2008 FHWA Accelerated Bridge Construction Conference- Highway for Life Limited to 300 seats	**Thursday, March 20, 2008** (8:00 a.m. 12:00 p.m. and 1:00 p.m. 8:10 p.m.) **Friday, March 21, 2008** (8:00 a.m. 12:00 p.m. and 1:00 p.m. to 3:00 p.m.)	
Workshop No. 1- ***Design of Steel Bridges Using AASHTO/LRFD Bridge Design Specifications - Limited to 150 seats***	**Wednesday, March 19, 2008** (8:00 a.m. 12:00 p.m.)	
Workshop No. 2- ***Design of Pre-stressed Concrete Bridges Using AASHTO/LRFD Bridge Design Specifications - Limited to 150 seats***	**Wednesday, March 19, 2008** (1:00 p.m. 5:00 p.m.)	

Lunch and break refreshments will not be provided during the conference or workshops.

Mail or Fax Registration Information to

HIGHWAY BRIDGE SERVICES
University of Nebraska Technology Park
4701 Innovation Drive, Suite 106
Lincoln, NE 68521
Telephone: 402-472-3029 , Fax 402-472-5176

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